

FIELD NOTES

Of the survey of the *Exterior lines*

T. *No 4 South*, R. *No. 32 East*

Willamette Meridian, Oregon,

Executed by

George S. Pershin

U. S. Deputy Surveyor, under *his* contract

No. *390*, dated *May 12* 188*1*

List of the names of the persons employed to assist in running, measuring and marking the lines of the foregoing survey :

J. C. F. Randall Chainman.

William J. Pearson Chainman.

Chainman.

Charles G. Rippey Axeman.

Axeman.

Flagman.

PRELIMINARY OATHS OF ASSISTANTS.

We, *J. C. F. Randall* and *William P. Pearson*

do solemnly swear that we will faithfully execute the duties of Chain Carriers, that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines, that we will assist in measuring, to the best of our skill and ability.

J. C. F. Randall Chainman.

William P. Pearson Chainman.

Chainman.

Subscribed and sworn to before me, this *27th* day of *May* 188*1*

George S. Perkins
A U.S. Dep. Sur.

J. Charles G. Rippey

do solemnly swear that *I* will well and truly perform the duties for which *I* have been severally employed according to instructions, and to the best of *my* skill and ability.

Charley G. Rippey Axeman.

Axeman.

Subscribed and sworn to before me, this *13th* day of *June* 188*1*

George S. Perkins
A U.S. Dep. Sur.

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Town. *4 South* Range *32 East* Will. Mer.

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Exterior lines of T. 4 South R. 32 East
Willamette Meridian, Oregon.

North on the East Boundary of Sec. 1

Co. $19^{\circ} 15'$ East —

25.00 Brook. 6 lbs. wide Co. East — 200

40.00 Set basalt Stone $15 \times 9 \times 5$ on + 150

west slope of ridge for $\frac{1}{4}$ Sec. cor.

A Pine 8 in. di. brs. S. $85^{\circ} E$ 9 lbs. dist.

" Tamarack 7 " " N. $75^{\circ} W$. 28 " "

56.50 Spring branch Co. S. W.

63.00 in " " " S. E from North

69.00 Leave Spring branch. from N. E

80.00 Set basalt Stone $20 \times 8 \times 4$ on E. slope ⁺¹⁵⁰

of ridge for. cor. to Townships

3 and 4 South Ranges, 32 and

33 East Willamette Meridian

A Pine 8 in. di. brs. N. $32^{\circ} E$. 9 lbs. dist.

" " 10 " " " S. $36^{\circ} E$ 31 " "

" " 7 " " " S. $28^{\circ} W$. 4 " "

" Fir 5 " " " N. $42^{\circ} W$. 62 " "

Sand: Surface broken; Soil 3×2 rate
heavy. Pine, Tamarack & Fir timber with open
glades — grass in open glades: Some
under brush

June 13' 1887

564 453

Exterior lines of T. 4 South R. 32 East

Willamette Meridian, Oregon.

West on the North boundary of Section 1
Pa. 15° 30' East

40.00 Set basalt stone 16 x 12 x 4 on
west slope for 1/4 Sec. cor.

A Pine 10 in. di. brs. N. 30° E, 71 lbs. dist.

" " 16 " " " S. 18° W. 65 " "

52.50 A brook 8 lbs. wide co. South.

80.00 Set basalt 17 x 12 x 8 on level
for cor. to Sec. 1, 2, 35 & 36.

A Pine 32 in. di. brs. N. 42° E 52 lbs. dist.

" " 26 " " " S 23° E 54 " "

" " 26 " " " S 38° W. 133 " "

" " 38 " " " N. 15° W. 66 " "

Land: Surface undulating &
rolling: Soil 2nd & 3rd rate
Tree: Tamarack and Fir
timber with open glades, good
grass in openings: some
dense thickets of young timber

Exterior lines of T. 4 South R. 32 East

Willamette Meridian, Oregon.

Met on the North boundary of Sec. 2
 Ca. $18^{\circ} 45'$ East

40.00 Set Basalt Stone $14 \times 10 \times 5$ on

Slight S.E. slope for $\frac{1}{4}$ Sec. cor.

A Pine 7 in. di. br. N. 7° E. 54 lbs. dist.

" Tamarack. 6 " " " S. 17° E 46 " "

80.00 Set Pine post on level for cor.
 to Sec. 2, 3, 34 & 35

A Pine 4 in. di. br. N. 28° E 30 lbs. dis.

" " 4 " " " S. 54° E 12 " "

" " 10 No tree S.M.

" Tamarack. 4 N. 60° W 20 " "

Land: Surface undulating:

Soil. 2^d & 3rd rate: Mostly

a dense growth of young

Pine, Tamarack & Fir timber

with a few small openings

Exterior lines of T. 4. South R. 32 East

Willamette Meridian, Oregon.

West on the North boundary of Sec. 3

Pa. $20^{\circ} 00'$ East12.50 ^{12.50} Open natural meadow co. N. E & S. W,14.00 ^{14.00} Spring branch. co S. W.17.00 ^{17.00} Enter timber co. S. W. & N. E40.00 ^{40.00} Set basalt stone ~~on~~ $20 \times 10 \times 6$
on level in swale for $\frac{1}{4}$

Sec. cor.

A Pine 6 in. di. brs. N. 52° W. 56 lbs. dist." " 6 " " " S. 50° W. 9 " "80.00 ^{80.00} Set basalt stone $18 \times 12 \times 7$ on
slight south slope in open
glade for cor to Sec. 3, 4, 33,
and 34A Pine 8 in. di. brs. N. 68° E. 48 lbs. dist." Fir 5 " " " S. 78° E. 48 " "" " 6 " " " S. 60° W. 110 " "" Pine 9 " " " N. 76° W. 117 " "Land: Surface rolling; soil 2 & 3' rat
heavy Pine, Tamarack & Fir Timber
with open glades & burns. good
grass

Exterior lines of T. 4 South R. 32 East

Willamette Meridian, Oregon.

West on the North Boundary of Sec. 4

on $20^{\circ} 45'$ East -

14,000 A Ravine opens south -150

40,000 Set basalt stone $14 \times 10 \times 5$ on level +150for $\frac{1}{4}$ Sec. cor. in open gladeA Pine 14 in. di. brs. N. 80° E. 141 lbs dist
no tree south80,000 Set basalt stone $16 \times 10 \times 4$ on

level for cor to Sec. 4, 5, 32

and 33

A Tamarack 13 in di. brs. N. 85° E. 20 lbs dist" " 4 " " " S 36° E. 25 " "" Pine 28 " " " N. 39° W. 97 " "

No tree S.W. open glade

Land: Surface rotting & broken
 soil 2nd & 3rd rate heavy Pine
 Tamarack & Fir timber with
 open glades good grass

Exterior lines of T. 4 South R. 32 East - 457

Willamette Meridian, Oregon.

West on the North Boundary of Sec. 5

Pa. $18^{\circ} 45'$ East -

40.00 Set basalt Stone $17 \times 8 \times 5$ in
open glade on slight S.W. slope
for $\frac{1}{4}$ Sec. cor

A Pine 26 in. di. br. N. 18° W. 156 lbs. dist.

" " 12 " " " S. 37° W. 116 " "

56.63 Intersected East Boundary of
Township 3 South Range. 31 East -

S.E. 13 chs ana 60 links North of
cor. to Township 3 South Range
31 East; Set pine post at
point of intersection for corner
to Townships 3 & 4 South Range
32 East on level.

A Tamarack. 14 in. di. br. N. 74° E. 32 lbs. dist

" " 11 " " " S. 28° E. 26 " "

Land: surface rolling; soil
2^d rate Mostly heavy Pine, Tam-
arack & Fir timber; some
open glades some dense
underbush. June 14th 1881

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Exterior lines of T. 4 South R. 32 East

Willamette Meridian, Oregon.

On account of cloudy
nights I did not succeed
in obtaining any further
observations on Polaris

change a Swenmen. Frank
Riphey became affected
with Rheumatism and
was unable to perform his
work. and his bro Charles
Riphey took his place

Exterior lines of T. 4 South R. 32 East

Willamette Meridian, Oregon.

General Description

Surface in South west part is level and undulating in the central and North eastern part - it is rolling and broken and small part Mountainous Soil about $\frac{1}{10}$ is first rate $\frac{1}{2}$ Second rate and rem third rate at least $\frac{1}{2}$ can be clasped as well adapted to agriculture. There are about ten actual settlers who have located claims in this township. It should be all subdivided

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FINAL AFFIDAVIT OF ASSISTANTS.

We hereby certify that we assisted George S. Fisher

Deputy Surveyor, in surveying
the Exterior lines of T 4 South Range
32 East

Willamette Meridian, Oregon,
and that said lines have been in all respects, to the best of our knowledge and belief,
well and faithfully surveyed, and the boundary monuments planted according to the
instructions furnished by the Surveyor General; and we do further swear that we,
each of us, performed the work assigned us, faithfully to the best of our ability, in
the capacity hereby indicated by our signatures.

J. B. G. Kendall Chainman.

William T. Pearson Chainman.

Chainman.

Charley Rippey Axeman.

Axeman.

STATE OF OREGON,
County of Umatilla }

Subscribed and sworn to before me, this 29th
day of June 1881.

Wm Caldwell

Justice of the Peace

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Diagram of T. 4 South R. 32 East

| | | | | | | |
|----|------|-------|-------|-------|-------|-------|
| | 5663 | 80.00 | 80.00 | 80.00 | 80.00 | |
| 6 | 5 | 4 | 3 | 2 | 1 | 80.00 |
| 7 | 8 | 9 | 10 | 11 | 12 | 80.00 |
| 18 | 17 | 16 | 15 | 14 | 13 | 80.00 |
| 19 | 20 | 21 | 22 | 23 | 24 | 80.00 |
| 30 | 29 | 28 | 27 | 26 | 25 | 80.00 |
| 31 | 32 | 33 | 34 | 35 | 36 | 80.00 |

OATH OF CHAINMEN.

We, J. C. J. Randall, and
William J. Pearson Chainmen, hereby certify
 and solemnly swear that we have carefully and faithfully chained all the lines of the
 surveys shown by the annexed diagram of township 4 South Range
32 East, and that the measurements of the same, as determined
 by us, are correctly recorded thereon.

We further certify that the chains used by us in the aforesaid surveys were daily
 compared and corrected by standard measure ; that all distances have been obtained
 by horizontal measurements, and that we have in all other respects discharged our
 duties in accordance with legal instructions.

J. C. J. Randall
William J. Pearson

Subscribed and sworn to before me, this 29th day of
June 1881

Wm Caldwell
Justice of the Peace

OATH OF AXMEN AND MOUNDMEN.

Charles G. Rippey
 axman and moundman, in the
 survey of Exterior of Township 4 South Range 32 E
 hereby certify and solemnly swear that we have carefully and faithfully marked all
 the true lines and corners of the said surveys upon which measurements are shown
 upon the diagram hereto attached, in accordance with instructions and the require-
 ments of the surveying manual.

Charles G. Rippey

Subscribed and sworn to before me, this 29th day of
June 1881

Wm Caldwell
Justice of the Peace

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FINAL OATH OF DEPUTY SURVEYOR.

I, George J. Perskin

United States Deputy Surveyor, do solemnly swear that I have, in my own proper person, and with the necessary assistance, well, truly and faithfully executed the

Exterior Boundary surveys of Township
4 South R. 3 2 East T. M. under my contract with

James C Tolman United States Surveyor-

General for Oregon, No. 390, bearing date May 12th
1881

; that in making the said survey I have used only such instruments as were approved by the said Surveyor-General, exercising due care in the preservation of adjustments of the same ; that in using the solar compass I have at no time projected established lines depending for alignment upon the magnetic needle ; that I have in all respects complied with the laws of the United States governing public-land surveys, the surveying manual, and such additional instructions as have been furnished me by and through the said Surveyor-General relating to the aforesaid survey ; that I have thoroughly acquainted my assistants in the field with the nature of their duties under the laws and instructions above mentioned ; that to the best of my knowledge and belief all assistants so employed have likewise obeyed the aforesaid laws and instructions, and that the annexed field-notes are the original, true and correct returns of the said surveys.

George J. Perskin
Deputy Surveyor.

Subscribed and sworn to before me, this fifth day of

July 1881

James C Tolman
Surveyor General

Office U. S. Surveyor General,

Portland, Oregon, *July* ----- 1881

The foregoing Field Notes of the survey of the
Exterior lines of Township 4 South
Range 32 East Willamette Meridian
Oregon
 executed by *George S. Pershin U. S. Deputy*
Surveyor under *his* contract No. *390*
 dated *May 12* ----- 1881., having been
 critically examined, the necessary corrections and ex-
 planations made, the said field notes and the survey
 they describe, are hereby approved.

James C. Tolman
 Surveyor General.